

TECHNICAL DATA

# GB Gas Booster



## Key features

- Gas boosters with control kits.
- Provide a very high pressure gas supply to systems, up to 15000 psi.

## Product overview: GB Gas Booster

GB-75 and GB-152 are gas boosters with control kits intended to be used to provide a very high pressure gas supply to systems using a Fluke Calibration GPC1 High Pressure Gas Controller and other high gas pressure test and calibration systems.

## Specifications: GB Gas Booster

GB Gas Booster General Specifications	
Dimensions	
GB 75 Booster	432 mm H x 241 mm W x 241 mm D (17 in. x 9.5 in. x 9.5 in.)
GB 152 Booster	584 mm H x 241 mm W x 241 mm D (23 in. x 9.5 in. x 9.5 in.)

<b>Weight</b>	
GB 75 Booster	13.4 kg (29.4 lbs)
GB 152 Booster	16.4 kg (36 lbs)
Drive Air Cool Kit	1.8 kg (4 lbs)
<b>Pressure Supply Pressure Range</b>	
Shop Drive Air	0.15 to 1 MPa (20 to 150 psi) Maximum high pressure output is drive air pressure times 75 (GB-75) or 152 (GB-152)
High Pressure Supply Gas	2 to 20 MPa (300 to 3 000 psi) Maximum high pressure output is high pressure supply times 25
<b>Supply Flow Rates</b>	
Shop Drive Air	425 to 2,125 slm (15 to 75 scfm)
High Pressure Supply Gas	140 to 560 slm (5 to 20 scfm)
<b>Pressure Connections</b>	
Drive Air Supply Inlet:	1/4 in. NPT female
High Pressure Gas Supply Inlet	1/4 in. NPT female
High Pressure Outlet	DH 500 female (DH500 F is a gland and collar type fitting for coned and left hand threaded 1/4 in. (6.35 mm) OD tube, equivalent to AE F250C, HIP HF4, etc.)
<b>High Pressure Output</b>	
GB 75 Booster	Drive air seing times 75, to 70 MPa maximum
GB 152 Booster	Drive air seing times 152, to 110 MPa maximum
<b>Booster Piston Ratio</b>	
GB 75 Booster	D75:1
GB 152 Booster	152:1

## Ordering information



### **GB Gas Booster**

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#### **GB-75**

Gas Booster pressure up to 10,000 psi(70 MPa)

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#### **GB-K-152**

Gas Booster pressure up 15,000 psi (103 MPa)

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